

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** SONAX Multiwax**Article number:**

06635000, 06636000, 06637050, 06639410

UFI: YDE3-80Y7-300D-ECK6**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Application of the substance / the mixture Car care product**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

SONAX GmbH

Münchener Straße 75

D-86633 Neuburg (Donau)

Tel.: ++49 (0)8431/53-0

Further information obtainable from:

Product safety

E-mail: erp@sonax.de

Phone: + ++49 (0) 8431 53 217

1.4 Emergency telephone number: Emergency Phone Munich Tel.: +49 (0)89 19240**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Additional information:

Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):

no self-sustained combustion

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS05

Signal word Danger**Hazard-determining components of labelling:**

Dipalmoylisopropyl Dimonium Methosulfate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P280 Wear protective gloves/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains dipentene. May produce an allergic reaction.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 1)

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures**Description:** Tensides, care additives, alcohol in aqueous solution.**Dangerous components:**

| | | |
|---|---|---------|
| CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx | propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 | 10-<15% |
| EC No 939-685-4 Reg.nr.: 01-2119983493-26-xxxx | 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts) Alternative CAS number: 95009-13-5 ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 | 5-<10% |
| CAS: 9004-78-8 NLP: 500-013-6 | Phenol polyethoxilate ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319 | 5-<10% |
| CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28-xxxx | 3-butoxypropan-2-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319 | 5-<10% |
| CAS: 308062-28-4 EC No 931-292-6 Reg.nr.: 01-2119490061-47-xxxx | Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Alternative CAS number: 70592-80-2 ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315 | 1-<3% |
| CAS: 61791-26-2 NLP: 500-153-8 | Tallow alkylamine ethoxylate ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315 | <1% |
| CAS: 138-86-3 EINECS: 205-341-0 | dipentene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317 | <0.25% |

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures**General information:** Remove soiled clothing**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

Wash the areas of skin affected with water and a mild detergent.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Eye irritation / Eye damage

Skin irritation

Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 2)

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 67-63-0 propan-2-ol

| | |
|---------------------|--|
| WEL (Great Britain) | Short-term value: 1250 mg/m ³ , 500 ppm |
| | Long-term value: 999 mg/m ³ , 400 ppm |

Regulatory information WEL (Great Britain): EH40/2018

DNELs

CAS: 67-63-0 propan-2-ol

| | | |
|------------|------|---|
| Oral | DNEL | 26 mg/kg (consumer) (chronic effects (1d)) |
| Dermal | DNEL | 319 mg/kg (consumer) (chronic effects (1d)) |
| | | 888 mg/kg (worker) (chronic effects (1d)) |
| Inhalative | DNEL | 89 mg/m ³ (consumer) (chronic effects) |
| | | 500 mg/m ³ (worker) (chronic effects) |

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)

| | | |
|--------|------|---|
| Oral | DNEL | 1.25 mg/kg bw/day (consumer) (longterm systematic effects) |
| Dermal | DNEL | 56.25 mg/kg bw/day (consumer) (longterm systematic effects) |

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 3)

| | | |
|--|------|---|
| Inhalative | DNEL | 112.5 mg/kg bw/day (worker) (longterm systematic effects) 2.17 mg/m ³ (consumer) (longterm systematic effects) 8.72 mg/m ³ (worker) (longterm systematic effects) |
| CAS: 5131-66-8 3-butoxypropan-2-ol | | |
| Oral | DNEL | 12.5 mg/kg (consumer) (longterm systematic effects) |
| Dermal | DNEL | 22 mg/kg (consumer) (longterm systematic effects) 52 mg/kg (worker) (longterm systematic effects) |
| Inhalative | DNEL | 43 mg/m ³ (consumer) (longterm systematic effects) 147 mg/m ³ (worker) (longterm systematic effects) |
| CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | | |
| Oral | DNEL | 0.44 mg/kg bw/day (consumer) (longterm / systemic effects) |
| Dermal | DNEL | 5.5 mg/kg bw/day (consumer) (longterm / systemic effects) 11 mg/kg bw/day (worker) (longtime / systemic effects) |
| Inhalative | DNEL | 1.53 mg/m ³ (consumer) (longterm / systemic effects) 6.2 mg/m ³ (worker) (longterm / systemic effects) |
| PNECs | | |
| CAS: 67-63-0 propan-2-ol | | |
| PNEC | | 140.9 mg/l (sporadic release) 2,251 mg/l (STP) 140.9 mg/l (water (fresh water)) 140.9 mg/l (water (sea water)) |
| PNEC | | 28 mg/kg (gro) 552 mg/kg (sediment) |
| 1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts) | | |
| PNEC | | 10 mg/l (STP) 0.017 mg/l (water (fresh water)) 0.002 mg/l (water (sea water)) |
| PNEC | | 1.7 mg/kg (sediment (fresh water)) 0.17 mg/kg (sediment (sea water)) 0.331 mg/kg (soil) |
| CAS: 5131-66-8 3-butoxypropan-2-ol | | |
| PNEC | | 10 mg/l (sewage plant) 5.25 mg/l (sporadic release) 0.525 mg/l (water (fresh water)) 0.0525 mg/l (water (sea water)) |
| PNEC | | 2.36 mg/kg (sediment (fresh water)) 0.236 mg/kg (sediment (sea water)) 0.16 mg/kg (soil) |
| CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides | | |
| PNEC | | 0.0335 mg/l (water (intermittent release)) 0.0335 mg/l (water (fresh water)) 0.00335 mg/l (water (sea water)) |
| PNEC | | 24 mg/kg (STP) 5.24 mg/kg (sediment (fresh water)) 0.524 mg/kg (sediment (sea water)) 1.02 mg/kg (soil) |

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

(Contd. on page 5)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 4)

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required in normal cases

Ensure good ventilation/exhaustion at the workplace.

Protection of hands: Protective gloves

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

Penetration time of glove material Value for the permeation: Level 6 (≥ 480 min)

Eye protection:

Safety glasses

[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|------------------|-----------------|
| Form: | Fluid |
| Colour: | Red |
| Odour: | Citrus |
| Odour threshold: | Not determined. |

pH-value at 20 °C: 5.0 - 5.5

Change in condition

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: 82 - 175 °C

Flash point: 39 °C (DIN 51755)

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 0.96 - 0.98 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with water:

Partly miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C 10 - 15 s (DIN EN ISO 2431/4mm)

9.2 Other information Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):
no self-sustained combustion

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

(Contd. on page 6)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 5)

10.2 Chemical stability Stable under normal conditions.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** See Section 7 for information on safe handling.**10.5 Incompatible materials:** strong oxidizing agents**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects There are no toxicological findings on this mixture.**Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****CAS: 67-63-0 propan-2-ol**

| | | |
|------------|------------|---------------------------|
| Oral | LD50 | 5,840 mg/kg (rat) |
| Dermal | LD50 | 13,900 mg/kg (rabbit) |
| Inhalative | LC50 / 6 h | >25 mg/l (rat) (OECD 403) |

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)

| | | |
|--------|------|-------------------------------------|
| Oral | LD50 | >2,000 mg/kg (mouse) (OECD 423) |
| Dermal | LD50 | >2,000 mg/kg (rabbit) (OECD TG 402) |

CAS: 9004-78-8 Phenol polyethoxilate

| | | |
|--------|------|----------------------------------|
| Oral | LD50 | 500-2,000 mg/kg (rat) (OECD 423) |
| Dermal | LD50 | 2,140 mg/kg (rabbit) |

CAS: 5131-66-8 3-butoxypropan-2-ol

| | | |
|------------|-----------|-------------------------------|
| Oral | LD50 | 3,300 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2,000 mg/kg (rat) (OECD 402) |
| Inhalative | LC50 / 4h | >3.5 mg/l (rat) (OECD 403) |

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

| | | |
|------|------|-------------------|
| Oral | LD50 | 1,064 mg/kg (rat) |
|------|------|-------------------|

CAS: 61791-26-2 Tallow alkylamine ethoxylate

| | | |
|------|------|------------------------|
| Oral | LD50 | >300-2,000 mg/kg (rat) |
|------|------|------------------------|

CAS: 138-86-3 dipentene

| | | |
|------|------|-------------------|
| Oral | LD50 | 5,600 mg/kg (rat) |
|------|------|-------------------|

Primary irritant effect:**Skin corrosion/irritation**

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Contains dipentene. May produce an allergic reaction.

Repeated dose toxicity**1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)**

| | | |
|--------|-----------|----------------------------|
| Dermal | NOAEL 28d | 500 mg/kg (rat) (OECD 407) |
|--------|-----------|----------------------------|

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

| | | |
|--------|-------|---|
| Oral | NOAEL | 88 mg/kg (rat) (subchronic effects) |
| Dermal | LOAEL | 0.045 mg/cm ² (mouse) (subchronic effects) |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to reproduction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.

(Contd. on page 7)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 6)

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

Aquatic toxicity:

CAS: 67-63-0 propan-2-ol

| | |
|------------|---|
| LC50 / 96h | 9,640 mg/l (<i>Pimephales promelas</i>) |
| LC50 / 24h | 9,714 mg/l (<i>daphnia</i>) |
| EC50 | >100 mg/l (bacteria) |
| EC50 / 72h | >100 mg/l (algae) |

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)

| | |
|-------------|---|
| LC50 / 96h | >10 mg/l (<i>Cyprinus carpio</i>) (OECD 203) |
| EC20 / 6d | 10 mg/l (activated sludge) |
| EC50 / 48h | >8.6 mg/l (<i>Daphnia magna</i>) (OECD 202) |
| EC50 / 72h | 1.2 mg/l (<i>Pseudokirchneriella subcapitata</i>) (OECD 201) |
| EC50 / 6 d | 100 mg/l (activated sludge) |
| NOEC / 21 d | 1 mg/l (<i>Daphnia magna</i>) (EPA OTS 797.1330) |
| NOEC / 72 h | 0.39 mg/l (<i>Pseudokirchneriella subcapitata</i>) (OECD 201) |
| NOEC / 35 d | 0.686 mg/l (<i>Pimephales promelas</i>) (US-EPA) |

CAS: 9004-78-8 Phenol polyethoxilate

| | |
|------------|--|
| LC50 / 96h | >100 mg/l (fish) (OECD 203) |
| EC50 | >128 mg/kg (<i>Daphnia magna</i>) (OECD 202) |

CAS: 5131-66-8 3-butoxypropan-2-ol

| | |
|-------------|---|
| LC50 / 96h | >560-1,000 mg/l (<i>Poecilla reticulata</i>) (OECD 203) |
| EC50/3h | >1,000 mg/l (activated sludge) (OECD 209) |
| EC50 / 48h | >1,000 mg/l (<i>Daphnia magna</i>) (OECD 202) |
| EC50 / 96 h | >1,000 mg/l (<i>Pseudokirchneriella subcapitata</i>) |

CAS: 308062-28-4 Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

| | |
|------------|----------------------------------|
| LC50 / 96h | 2.67 mg/l (fish) |
| EC50 | 3.1 mg/l (waterflea /Wasserfloh) |
| IC 50 | 0.143 mg/l (seaweed (Seegrass)) |

CAS: 61791-26-2 Tallow alkylamine ethoxylate

| | |
|-------------|---|
| LC50 / 96 h | 0.13 mg/l (<i>Oncorhynchus mykiss</i>) |
| EC50 / 48h | 0.17 mg/l (<i>Daphnia magna</i>) |
| EC10 / 21 d | >0.001-0.01 mg/l (<i>Daphnia magna</i>) |

CAS: 138-86-3 dipentene

| | |
|-------------|--|
| LC50 / 96h | 38.5 mg/l (<i>Pimephales promelas</i>) |
| LC50 / 48h | 31 mg/l (<i>Daphnia magna</i>) |
| EC50 / 48h | 28.2 mg/l (<i>Daphnia magna</i>) |
| EC50 / 96 h | 20.2 mg/l (<i>Pimephales promelas</i>) |
| IC50 / 96h | 13.798 mg/l (<i>Pseudokirchneriella subcapitata</i>) |

12.2 Persistence and degradability

CAS: 67-63-0 propan-2-ol

| | |
|----------------|------|
| Biodegradation | 53 % |
|----------------|------|

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with fatty acids, C18 unsatd., Me sulfates (salts)

| | |
|----------------|-----------------------|
| Biodegradation | >60 % (OECD TG 301 F) |
|----------------|-----------------------|

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 7)

CAS: 9004-78-8 Phenol polyethoxilate

Biodegradation 40-50 % (OECD 311)

CAS: 5131-66-8 3-butoxypropan-2-ol

Biodegradation 90 % (OECD301E/92/69/EWG, C4.-B)

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:
General notes:

The product may not be released into the environment without control.

The product does not contain organically bounded halogens (AOX-free).

The product does not contain organic complexing agents.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

07 06 04* other organic solvents, washing liquids and mother liquors

Uncleaned packaging:

15 01 10*: packaging containing residues of or contaminated by dangerous substances

Recommendation:

Packaging may be reused or recycled after cleaning.

15 01 02: plastic packaging

Recommended cleansing agents: Water

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA Void

14.2 UN proper shipping name

ADR, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of
Marpol and the IBC Code Not applicable.

Transport/Additional information:

Sustained combustibility test ISO 9038/UN manual of tests and criteria (32.5.2):
no self-sustained combustion

UN "Model Regulation":

Void

GB

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

(Contd. of page 8)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Directives:

EC/1907/2006 (REACH)

EC/1272/2008 (CLP)

EC/648/2004

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation
 Serious eye damage/eye irritation
 Hazardous to the aquatic environment - long-term
 (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = lethal Concentration

EC50 = half maximal effective concentration

log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity - oral – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

(Contd. on page 10)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 9.00

Revision: 05.11.2019

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

(Contd. of page 9)

Version history and indication of changes: Replaces version 8.00.*** Data compared to the previous version altered.**

GB